# Yale Program.

4/5/46.

1. Sex.
   - A. Production of mutant stocks (e.g. u.v.); dosage optimum
   - B. Test for reversion
   - C. Detection of allele-patterns
   - D. Time factor in mutant production
   - E. Technical — Mutant viability in detection technique.
   - F. Implications of success: systematics, mutant breeding, populations...
2. Populations
   - A. Syntrophism.
   - B. Selection + antagonism. [methionineless].
3. Growth
   - A. Sp. absorption +
   - B. Dynamic interchange
   - C. Medium analyses.
4. N.A. assays —
5. Availability of p-F.P.A.
6. Mutation — v. Ryan: reverse mutation.
7. Neurospora - leucineless
   (intersp. heteroc. [Dodge for N. tetraspermа mutants])
   cytoplasmic inheritance.
8. Biochemical studies of mutants.
   biotin as inhibitor!